

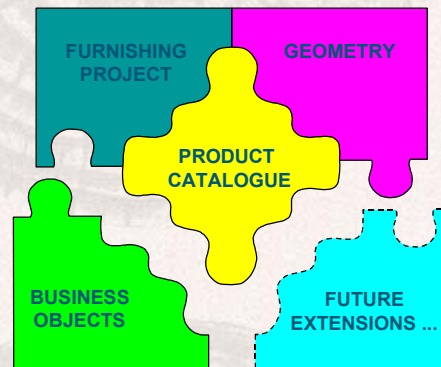
# The architecture of funStep AP - ISO10303 Part 236. Model Overview

- **Focused on**

- product data description
  - » product catalogue
- furnishing project description
- graphic representation of the related geometry.

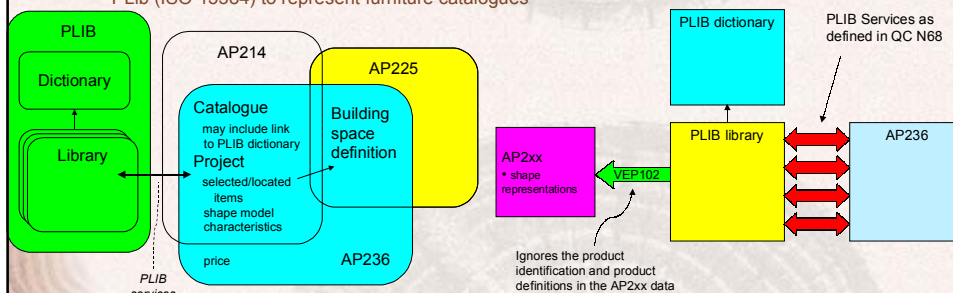
- **Further extensions**

- description of business documentation
- other application domains
  - » manufacturing process planning



## Relationship between AP236 and other AP's and PLIB

- **AP236 structure is based on a furniture-oriented interpretation of part of the AP214 data model**
  - furniture products
  - Features
  - classification in product catalogues
  - geometric representation
- **Some requirements in AP236 are not managed in AP214**
  - pricing information
  - price calculation based on product characteristics
- **That kind of requirements will be solved either by generating new structures or by reinterpreting the existing ones.**
  - PLIB (ISO 13584) to represent furniture catalogues



## Example of Units of Functionality (UoF) of AP214 considered usable by the funStep project team for AP236

- External\_reference\_mechanism (E1)  
Item\_property (PR1)
- Product\_management\_data (S1)
- Element\_structure (S2)
- Item\_definition\_structure (S3)
- Effectivity (S4)
- Classification (S6)
- Specification\_control (S7)

In particular the UoF “Specification\_control (S7)” with the application objects:

- product\_class
- product\_class\_relationship



WG10 Modules meeting, San Francisco.  
Ricardo Gonçalves, June 2001



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## Thank you for listening...



## ANY QUESTION ?

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